

**TECHNICAL WORK MAY NOT BEGIN PRIOR TO CTR ACCEPTANCE**

NASA/GODDARD SPACE FLIGHT CENTER

**REQUEST FOR TASK PLAN / TASK ORDER**

<b>CONTRACTOR</b>	<b>CONTRACT NO. / TASK NO.</b>	<b>JOB ORDER NUMBER</b>	<b>APPROX. FY</b>
QSS Group, Inc.	NAS5- 99124      TASK NO. 426      AMENDMENT	564-615-33-02	-89 2001

**TASK TITLE:** (NTE 80 characters; include Project name)

LRPT Testing and Integration

**APPROVALS:** (Type or print name and sign)

**ASSISTANT TECHNICAL REPRESENTATIVE (OR TASK MONITOR)**

Wai Fong	DATE 11/28/00 11/6/00	ORG CODE 564	MAIL CODE 564	PHONE 301-286-8165
----------	--------------------------	--------------	---------------	--------------------

**BRANCH HEAD**

Robert Kasa	DATE 11/22/00 11/6/00	CODE 564	PHONE 301 286-8043
-------------	--------------------------	----------	--------------------

**CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR)**

Robert S. Lebair, Jr.	DATE 12/6/00	CODE 560	PHONE 301-286-6588
-----------------------	--------------	----------	--------------------

**FLIGHT HARDWARE, CRITICAL GSE OR SOFTWARE?**

**CONTRACTING OFFICER'S QUALITY REP.**

**DESIGNATED FAM:**

(IF YES, NEED CODE 303 CONCURRENCE NEXT BLOCK)

[x] NO      [ ] YES

The contractor shall identify and explain the reason for any deviations, exceptions, or conditional assumptions taken with respect to this Task Order or to any of the technical requirements of the Task Order Statement of Work and related specifications. The contractor shall complete and submit the required Reps and Certs.

(To be completed by Contracting Officer)

**C.O. Requested Quote on:**

**Date:** DEC 7 2000

Contractor will develop specification or statement of work under this task for a future procurement. [x] NO [ ] YES

Flight hardware will be shipped to GSFC for testing prior to final delivery. [ ] NO [ ] YES [x] N/A

Government Furnished Property/Facilities: [x] NO [ ] YES -- SEE LIST OF GFP (offsite only) / FACILITIES (onsite only)

Onsite Performance: [x] NO [ ] YES      If yes: [ ] TOTAL [ ] PARTIAL  
If partial, indicate onsite work in SOW by asterisk (\*)

Surveillance Plan Attached: [x] NO [ ] YES

Highlighted Contract Clauses: (to be completed by Contracting Officer)

The effective date of this task order shall be the date of the Contracting Officer's signature below.

**INCENTIVE FEE STRUCTURE (check one)**

	<input checked="" type="checkbox"/> No. 1	<input type="checkbox"/> No. 2	<input type="checkbox"/> No. 3	<input type="checkbox"/> No. 4	<input type="checkbox"/> No. 5
Cost	10%	50%	25%	25%	%
Schedule	15%	25%	25%	50%	%
Technical	75%	25%	50%	25%	%

(To be completed by Contracting Officer)

The target cost of this task order is \$ 27,439.

The target fee of this task order is \$ 1,784.

The total target cost and target fee of this task order as contemplated by the Incentive Fee clause of this contract is \$ 29,223.

The maximum fee is \$ 2,607.

The minimum fee is \$0.

**AUTHORIZED SIGNATURE:**

THIS TASK ASSIGNMENT IS ISSUED ACCORDING TO THE CONTRACT CLAUSE "TASK ASSIGNMENTS AND REPORTS"

Nancy McCormick

JAN 16 2001

Nancy McCormick  
Contracting Officer

SIGNATURE OF CONTRACTING OFFICER

DATE

TYPED NAME OF CONTRACTING OFFICER

**CONTRACTOR'S ACCEPTANCE:**

AUTHORIZED SIGNATURE

DATE

**TECHNICAL WORK MAY NOT BEGIN PRIOR TO CTR ACCEPTANCE**

NASA/GODDARD SPACE FLIGHT CENTER

**REQUEST FOR TASK PLAN / TASK ORDER**

CONTRACTOR	CONTRACT NO. / TASK NO.	TASK NO.	AMENDMENT
QSS Group, Inc.	NAS5- 99124	426	

Applicable paragraphs from contract Statement of Work:

**STATEMENT OF WORK:** (Continue on blank paper if additional space is required)

The Contractor shall perform the following tasks for Low-Resolution Picture Transmission (LRPT) Phase II:

1. Perform BER test of system in Gaussian Noise to confirm BER software accuracy
2. Perform BER test with environment simulator using Man-made noise and Gaussian noise
3. Perform BER test with environment simulator using Raleigh Fading
4. Perform BER test with environment simulator under Man-made and Gaussian noise and Raleigh Fading
5. Demonstrate System
6. Write up Documentation with Report of test results

**PERFORMANCE SPECIFICATIONS:**

LRPT System (BER Testing) and Environment Simulator must operate at 72kbps.

**Reports and Documents:** Technical performance will be based on thoroughness and completeness of written reports. Acceptable performance is that the ATR is satisfied that the material reflects the proper level of technical expertise and meets the objectives of the activity. Reports shall be delivered to the ATR both as a hard copy and in MS Word format via either diskette or email.

**Technical Progress Report:** Acceptable performance is that the ATR is satisfied that he is being kept informed of the status of work performed and of issues requiring his attention. Report to include: (1) summary of monthly progress; (2) plans for next month; (3) problems; (4) issues; and (5) resolution of problems/issues.

**Management:** Performance will be measured against the following metrics: (1) accomplishment of objectives; (2) clear, incremental progress; (3) responsiveness to issues; (4) efficient and appropriate staffing; and (5) coordination with and good working relationship with ATR and other related contractor efforts, if applicable.

**APPLICABLE DOCUMENTS:**

EUMETSAT Document: EPS/SYS/SPE/95413 Rev. 5 2/1/98

**TASK END DATE:** 7/30/01

**MILESTONES/DELIVERABLES AND DATES:**

- |                                                                                                  |                            |
|--------------------------------------------------------------------------------------------------|----------------------------|
| 1. Complete BER Testing with Gaussian Noise                                                      | 3/15/01                    |
| 2. Complete BER Testing with Environ. Sim. under Man-made and Gaussian noise                     | 4/15/01                    |
| 3. Complete BER Testing with Environ. Sim. under Raleigh fading                                  | 5/15/01                    |
| 4. Complete BER Testing with Environ. Sim. under Man-made and Gaussian noise with Raleigh fading | 6/15/01                    |
| 5. Demonstration                                                                                 | 6/30/01                    |
| 6. Documentation                                                                                 | 7/15/01                    |
| 6. Technical Progress Report                                                                     | monthly, 15th of the month |

**PERFORMANCE STANDARDS:**

**Schedule:** On-time delivery/completion of the deliverables/milestones

**Technical:** ATR's acceptance of the above

**FINAL DELIVERY DESTINATION (NAME, BLDG, ROOM):**

Wai Fong building 11, room E223